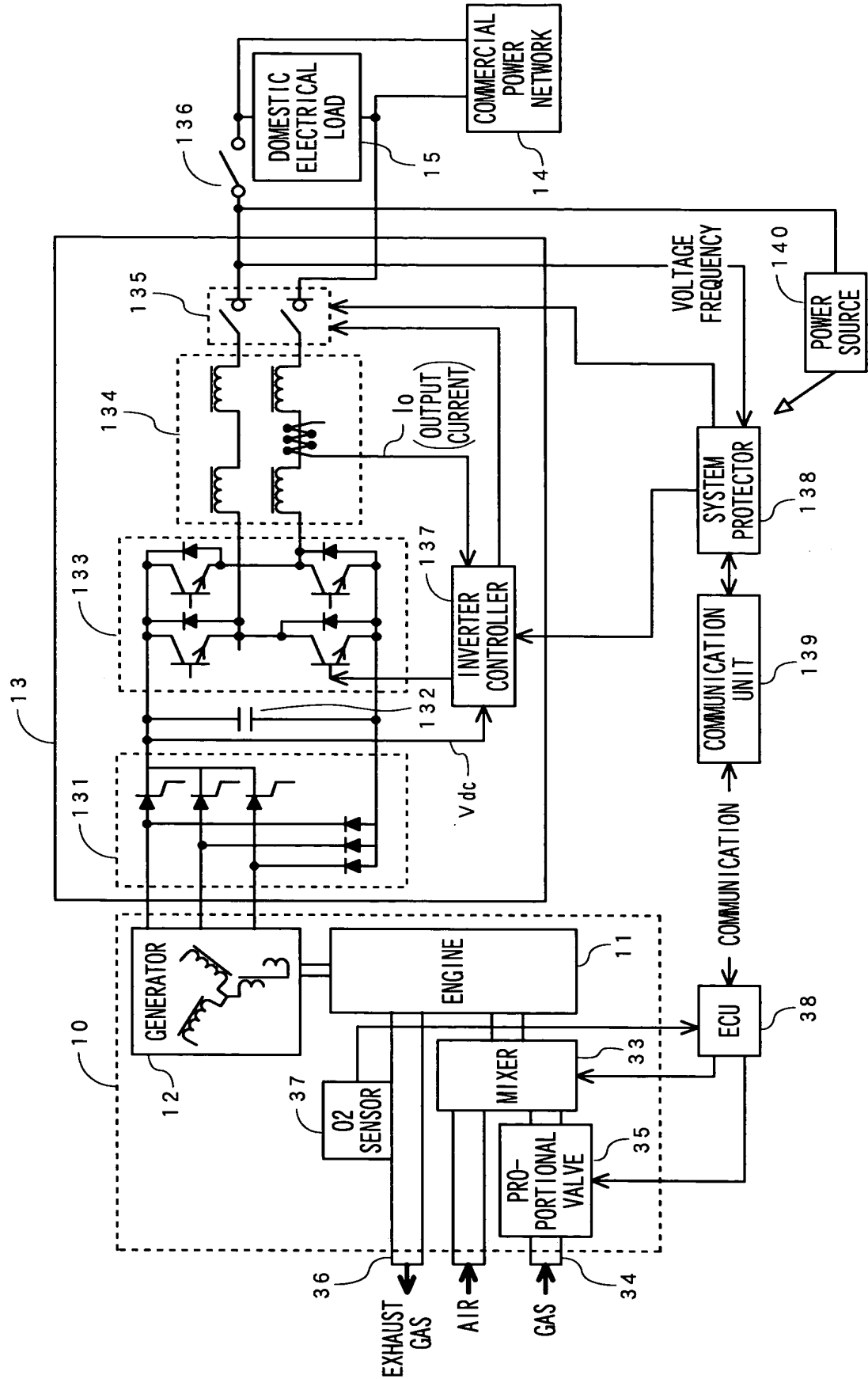


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Fig. 1



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Fig. 2

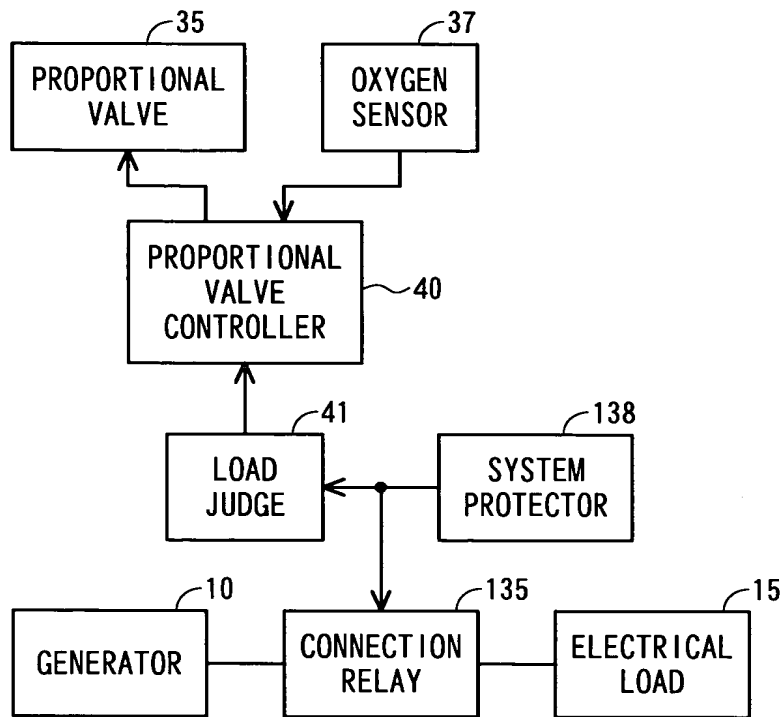
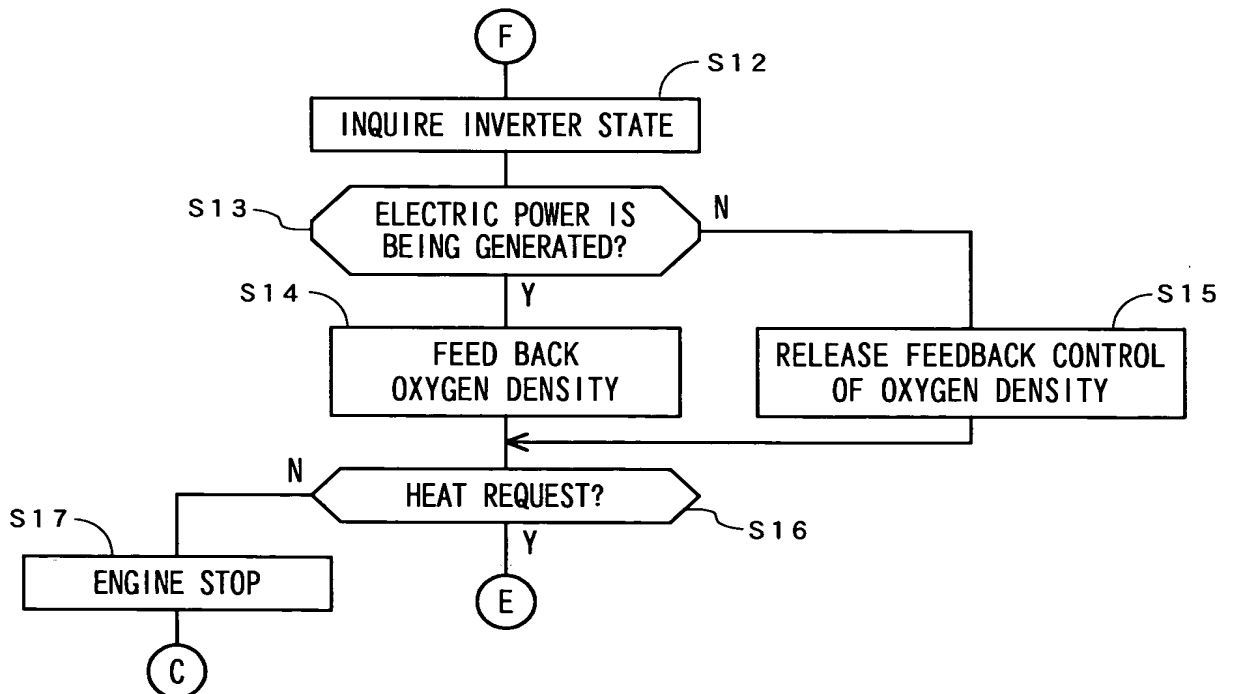
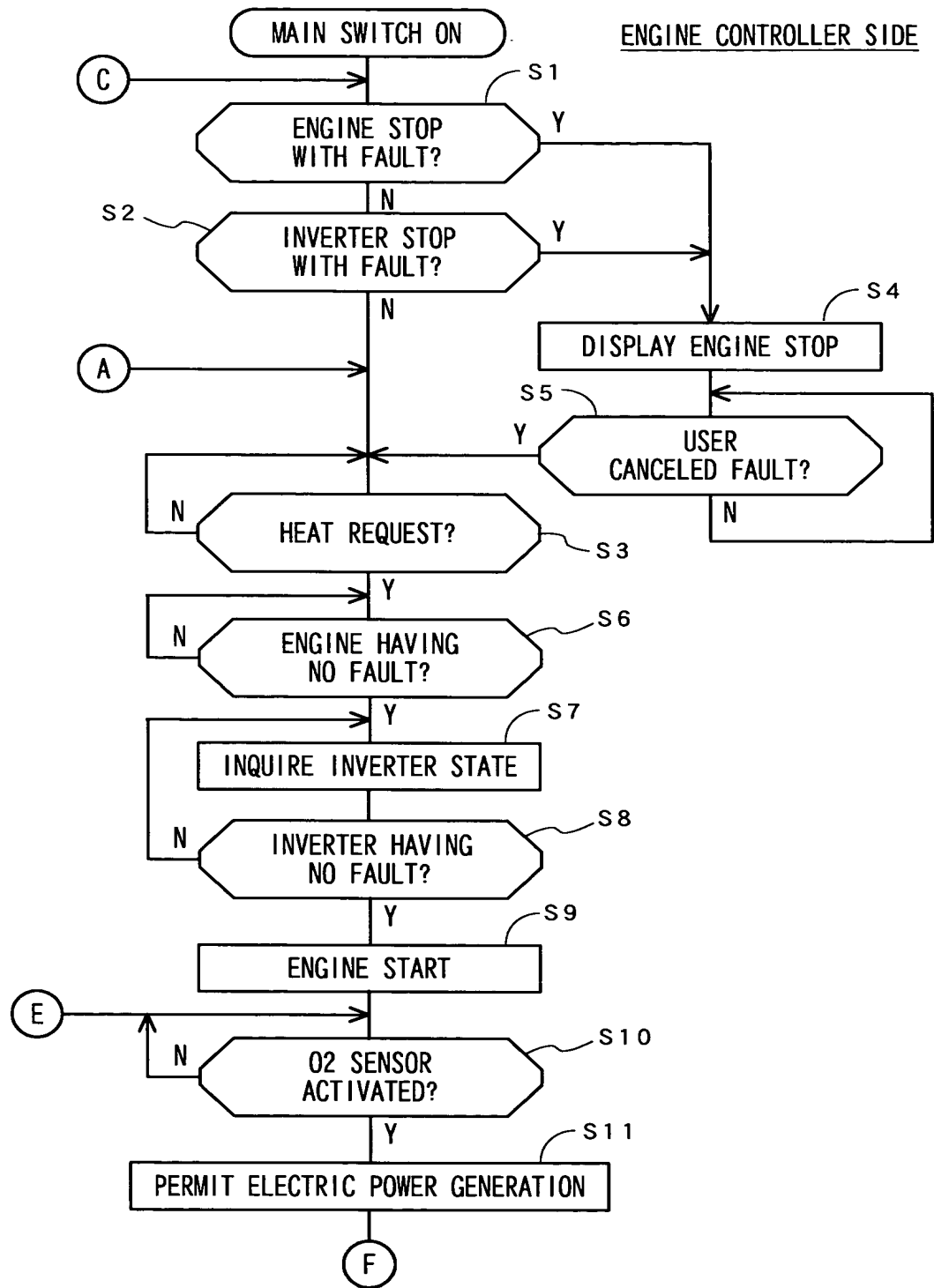


Fig. 4



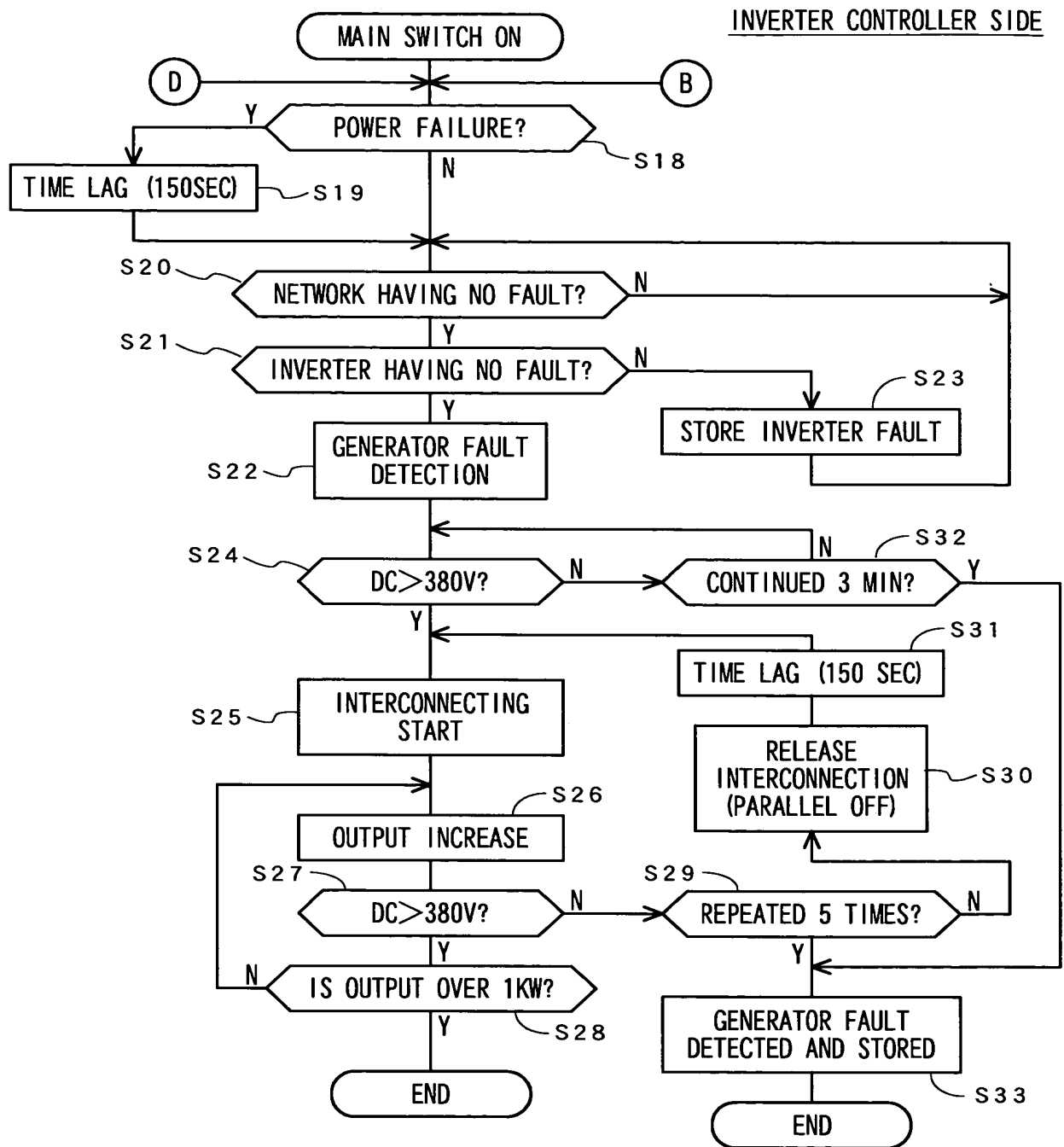
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Fig. 3



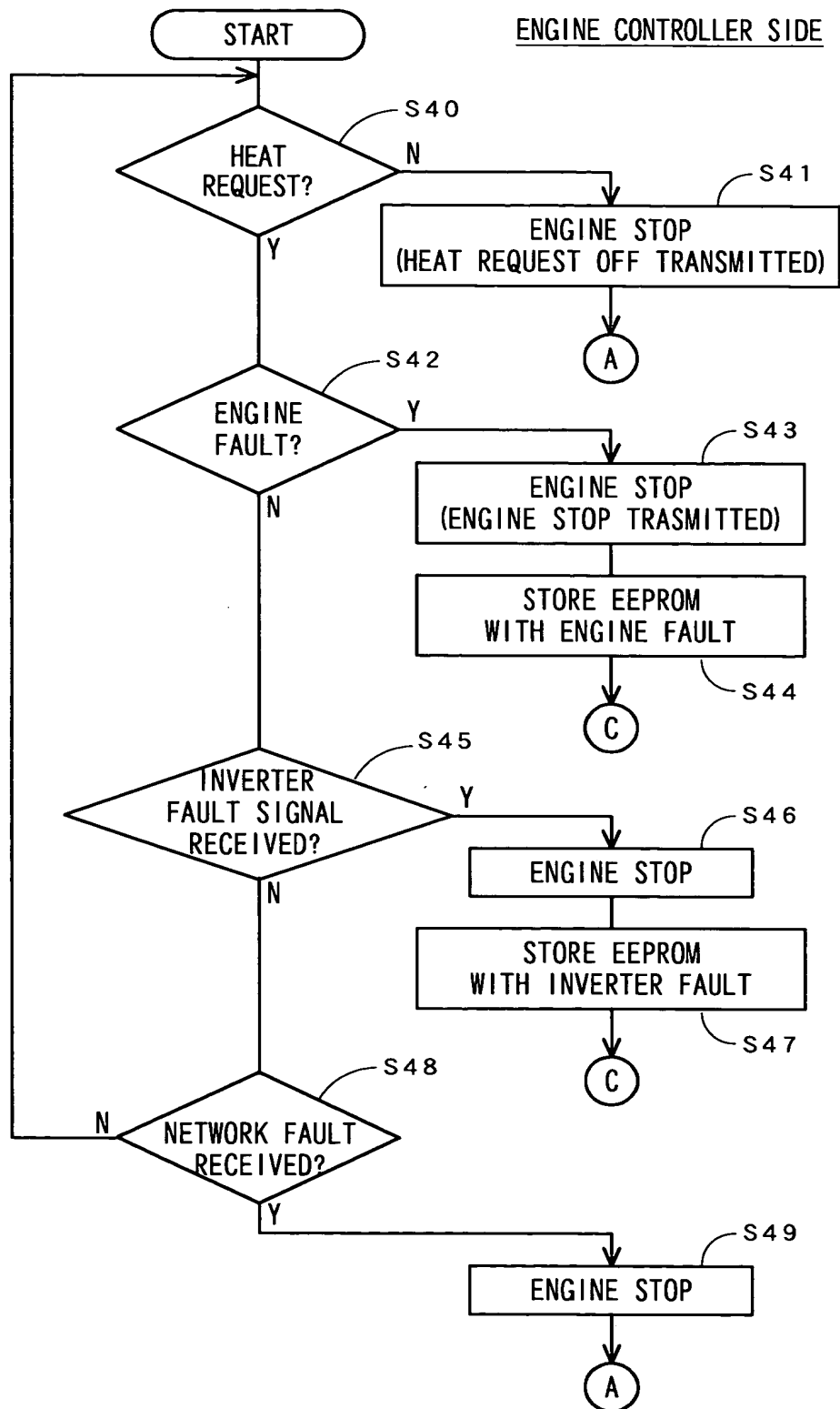
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Fig. 5



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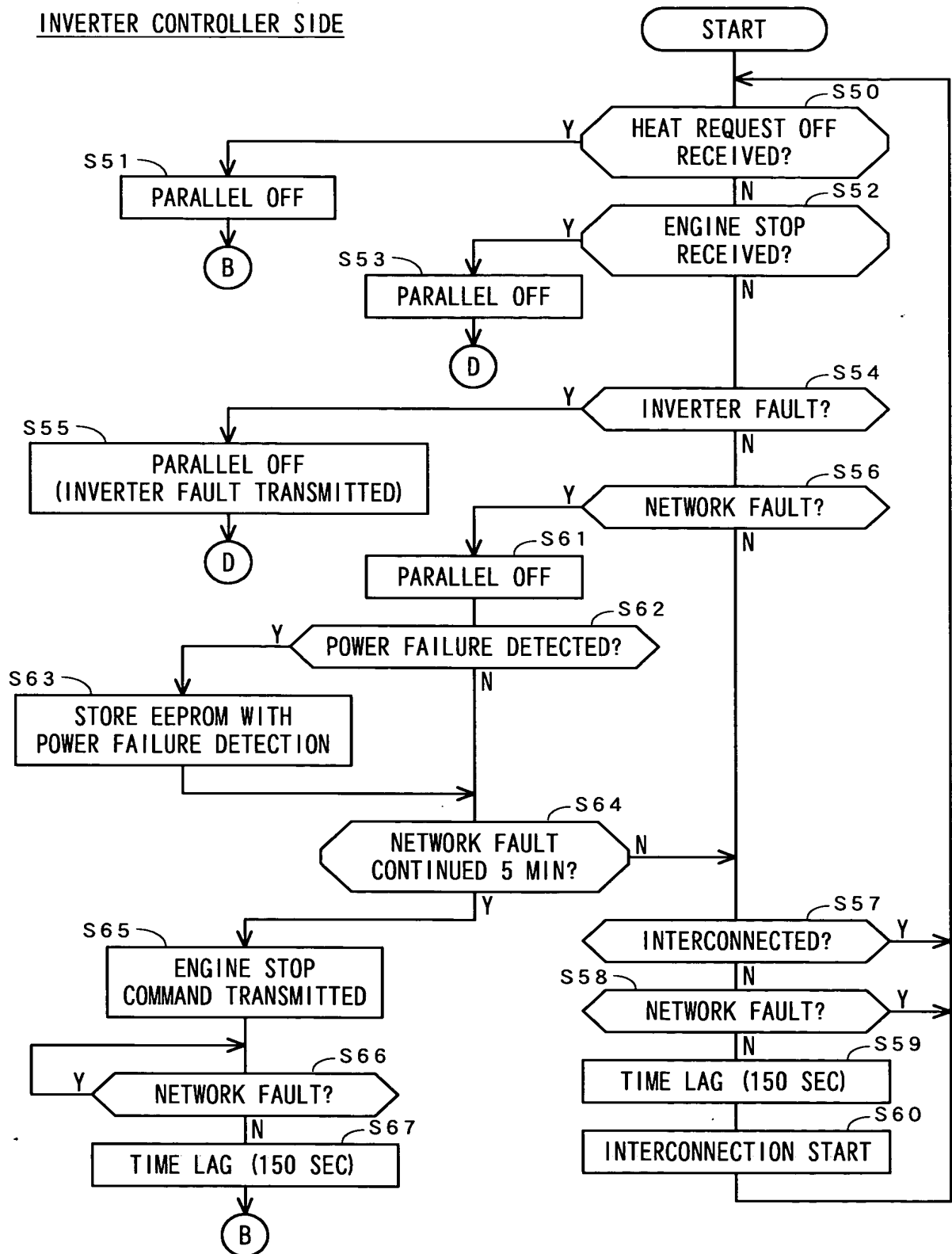
Fig. 6



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Fig. 7

INVERTER CONTROLLER SIDE



The schematic diagram illustrates a hot water supply system. A power source (14) is connected to an electrical load (15) and a power converting unit (13). The power converting unit (13) is connected to a heating system (24) and a re-heating boiler (25). The heating system (24) includes a hot water supply unit (21) and a hot water controller (30). The re-heating boiler (25) is connected to the hot water controller (30) and a water source (31). The system also includes a controller (29) and a water source (31). The diagram shows various components such as a hot water supply unit (21), a hot water controller (30), a re-heating boiler (25), a power converting unit (13), and a controller (29). The system is designed to provide hot water to an electrical load (15) and a heating system (24) while maintaining a specific temperature range (T1, T2) and monitoring various parameters (TS1, TS2, T1, T2).

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